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TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Mail Stop: Patent Application
Alexandria, VA. 22313-1450

August 8, 2003

Agfa File No. XP-1134

Dear Sir or Madam:

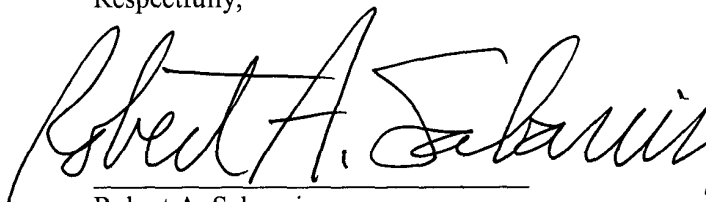
Enclosed herewith are a title page, an 11 page specification including an abstract and 3 pages of claims, 1 page of drawings, a Declaration and Power of Attorney, an Assignment, PTO Form-1595, an Information Disclosure Statement, a PTO Form-1449, a reference, a Certificate of Express Mailing and a postcard in connection with an application of John F. Nolan for a patent entitled **VORTEX LASER CHILLER AND THERMAL CONTROL SYSTEM**.

Basic Fee -----	\$ 760.00
Additional Fees:	
21 total claims -----	\$ 18.00
3 independent claims filed-----	\$.00
0 multiple dependent claims -----	\$.00
Assignment -----	\$ 40.00
Total Fee -----	\$ 818.00

Please charge the above and any other fees due and/or credit any overpayment to Deposit Account No. 13-3377 under this general authorization.

Please address all communications from the Patent Office in connection with this application to Agfa Corporation, Law & Patent Department, 200 Ballardvale Street, Wilmington, Massachusetts 01887-1069.

Respectfully,



Robert A. Sabourin
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RAS/pc

XP-1134

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl'n of:	John Nolan	Group:	Not yet assigned
Appl'n No.:	Not yet assigned	Examiner:	Not yet assigned
Filed:	August 8, 2003		
For:	VORTEX LASER CHILLER AND THERMAL CONTROL SYSTEM		

EXPRESS MAILING CERTIFICATION

Commissioner for Patents
P.O. Box 1450
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Dear Sir or Madam:

I hereby certify that an 11 page specification including 3 pages of claims and one page of drawings, a Declaration and Power of Attorney, an Assignment, PTO Form 1595, an Information Disclosure Statement, a PTO Form-1449, a reference, a Transmittal Letter and a postcard are being deposited on August 8, 2003 with the United States Postal Service with sufficient postage as Post Office Express Mail to Addressee No. **ER 304169455 US** In an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop Patent Applications, Alexandria, VA. 22313-1450.

Respectfully,


Lynne M. Hawkes
Patent Specialist

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